BRUHAT BANGALORE MAHANAGARA PALIKE

KODIGEHALLI SUBDIVISION

WARD NO.07, Byatarayanapura

MEASUREMENT

Name of work: Improvements to drains of Elumandamma temple road to chiranjeevi layout churuch road in ward No.07, Byatarayanapura.

Est Cost : 49.50 LAKHS

BRUHAT BANGALORE MAHANAGARA PALIKE

Agency: M/s KRIDL

Name of Work: Improvements to drains of Elumandamma temple road to chiranjeevi layout churuch road in ward No.07, Byatarayanapura.

Sl No	Description of item	Unit	No	L	B	D	Qty
1	Removing and refixing stone slabs of drains and pointing in CM (1:3)						
	Desilting of drains Syndicate Bank to sindhi college circle R/S						
		90-120	1	30	1.2		36.00
		270-300	1	30	1.2		36.00
		300-330	1	30	1.2		36.00
		330-360	1	30	1.2		36.00
		360-390	1	30	1.2		36.00
		390-416	1	26	1.2		31.20
	L/S	0-30	1	30	1.2		36.00
		120-150	1	30	1.2		36.00
		150-180	1	30	1.2		36.00
		180-210	1	30	1.2		36.00
		210-240	1	30	1.2		36.00
		240-270	1	30	1.2		36.00
		270-300	1	30	1.2		36.00
		300-330	1	30	1.2		36.00
		330-360	1	30	1.2		36.00
		360-392	1	32	1.2		38.40
	Sindhi college circle to govt school L/S	0-30	1	30	0.9		27.00
		30-60	1	30	0.9		27.00
		60-90	1	30	0.9		27.00
		90-120	1	30	0.9		27.00
		120-150	1	30	0.9		27.00
		150-180	1	30	0.9		27.00
		180-210	1	30	0.9		27.00
		210-220	1	10	0.9		9.00
	R/S	0-30	1	30	0.9		27.00
		30-60	1	30	0.9		27.00
		60-90	1	30	0.9		27.00
		90-120	1	30	0.9		27.00
		120-150	1	30	0.9		27.00
		150-180	1	30	0.9		27.00
		180-210	1	30	0.9		27.00
							960.60

Asst Exe. Engr. N.D
AE(W7)
6/5

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

2	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications						
	Location	sqm					
	Desilting of drains Syndicate Bank to sindhi college circle R/S	0-30	1	30	0.6	1.2	21.60
		30-60	1	30	0.6	1.2	21.60
		60-90	1	30	0.6	1.2	21.60
		90-120	1	30	0.6	1.2	21.60
		120-150	1	30	0.6	1.2	21.60
		150-180	1	30	0.6	1.2	21.60
		180-210	1	30	0.6	1.2	21.60
		210-240	1	30	0.6	1.2	21.60
		240-270	1	30	0.6	1.2	21.60
		270-300	1	30	0.6	1.2	21.60
		300-330	1	30	0.6	1.2	21.60
		330-360	1	30	0.6	1.2	21.60
		360-390	1	30	0.6	1.2	21.60
		390-416	1	26	0.6	1.2	18.72
	L/S	0-30	1	30	0.6	1.2	21.60
		30-60	1	30	0.6	1.2	21.60
		60-90	1	30	0.6	1.2	21.60
		90-120	1	30	0.6	1.2	21.60
		120-150	1	30	0.6	1.2	21.60
		150-180	1	30	0.6	1.2	21.60
		180-210	1	30	0.6	1.2	21.60
		210-240	1	30	0.6	1.2	21.60
		240-270	1	30	0.6	1.2	21.60
		270-300	1	30	0.6	1.2	21.60
		300-330	1	30	0.6	1.2	21.60
		330-360	1	30	0.6	1.2	21.60
		360-392	1	32	0.6	1.2	23.04
	Sindhi college circle to govt school L/S	0-30	1	30	0.6	0.9	16.20
		30-60	1	30	0.6	0.9	16.20
		60-90	1	30	0.6	0.9	16.20
		90-120	1	30	0.6	0.9	16.20
		120-150	1	30	0.6	0.9	16.20
		150-180	1	30	0.6	0.9	16.20
		180-210	1	30	0.6	0.9	16.20
		210-220	1	10	0.6	0.9	5.40
	R/S	0-30	1	30	0.6	0.9	16.20
		30-60	1	30	0.6	0.9	16.20
		60-90	1	30	0.6	0.9	16.20
		90-120	1	30	0.6	0.9	16.20
		120-150	1	30	0.6	0.9	16.20
		150-180	1	30	0.6	0.9	16.20
		180-210	1	30	0.6	0.9	16.20

695.16

		210-226	1	16	0.6	0.9	8.64
	Damages to Sidewall of SSM		1	25	0.45	0.6	6.75
			1	12	0.45	0.6	3.24
			1	15	0.45	0.9	6.08
			1	20	0.45	0.9	8.10
			1	25	0.45	0.9	10
			1	20	0.45	0.6	5
			1	30	0.6	0.6	11
			1	35	0.45	0.6	9
			1	25	0.45	0.6	7
			1	30	0.6	0.6	11
			1	25	0.6	0.45	7
			1	20	0.6	0.45	5
			1	35	0.45	0.45	7
						Total	919.33
2	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification .						
	For ramps to drains						
	In front of colleges, purva pavillion apt, shops	0-30	1	30	0.3	0.15	1.35
		300-330	1	30.00	0.30	0.15	1.35
	R/S	90-120	1	30.00	0.30	0.15	1.35
		120-150	1	30.00	0.30	0.15	1.35
		150-180	1	4.00	0.30	0.15	0.18
	Sindhi college circle to govt school L/S	0-30	1	28.5	0.30	0.15	1.28
		30-60	1	28.5	0.30	0.15	1.28
		60-90	1	28.5	0.30	0.15	1.28
		90-120	1	28.5	0.30	0.15	1.28
		120-150	1	28.5	0.30	0.15	1.28
		150-180	1	28.5	0.30	0.15	1.28
		180-210	1	28.5	0.30	0.15	1.28
		210-220	1	8.5	0.30	0.15	0.38
	R/S	0-30	1	28.5	0.30	0.15	1.28
		30-60	1	28.5	0.30	0.15	1.28
		60-90	1	28.5	0.30	0.15	1.28
		90-120	1	28.5	0.30	0.15	1.28
		120-150	1	28.5	0.30	0.15	1.28
		150-180	1	28.5	0.30	0.15	1.28
		180-210	1	28.5	0.30	0.15	1.28
		210-226	1	14.5	0.30	0.15	0.65
	Damages to Sidewall of SSM		1	25	0.6	0.15	2.25
			1	12	0.6	0.15	1.08
			1	15	0.6	0.15	1.35

			1	20	0.6	0.15	1.80
			1	25	0.6	0.15	2.25
			1	20	0.6	0.15	1.80
			1	30	0.6	0.15	2.70
			1	35	0.6	0.15	3.15
			1	25	0.6	0.15	2.25
							43.20
4	Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.						
	Damages to Sidewall of SSM		1	25	0.45	0.45	5.06
			1	12	0.45	0.45	2.43
			1	15	0.45	0.45	3.04
			1	20	0.45	0.6	5.40
			1	25	0.45	0.45	5.06
			1	20	0.45	0.45	4.05
			1	30	0.45	0.45	6.08
			1	35	0.45	0.45	7.09
			1	25	0.45	0.45	5.06
			1	30	0.45	0.45	6.08
			1	25	0.45	0.45	5.06
			1	20	0.45	0.45	4.05
			1	35	0.45	0.45	7.09
							65.54
					Qty Ltd to		**64.8**
5	Providing ruled pointing of course stone msonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge.						
	Damages to Sidewall of SSM		1	25		0.45	11.25
			1	12		0.45	5.40
			1	15		0.45	6.75
			1	20		0.6	12.00
			1	25		0.45	11.25
			1	20		0.45	9.00
			1	30		0.45	13.50
			1	35		0.45	15.75
			1	25		0.45	11.25
			1	30		0.45	13.50
			1	25		0.45	11.25
			1	20		0.45	9.00
			1	35		0.45	15.75
							145.65
					Qty Ltd to		**144**

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

7	Providing and constructing load bearing wall with solid concrete solid blocks having block density not less than 18000 Kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confimring to IS 2185 (pART 1):2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materialsincluding cost of all materilas, labour charges, scaffolding, curing complete as per specifications. with solid concrete blocks 400x200x200mm						
	For raising on both sides						
	Synidcate bank to sindhi college circle						
		0-30	0	30		0.2	0.00
		30-60	2	30		0.2	12.00
		60-90	2	30		0.2	12.00
		90-120	2	30		0.2	12.00
		120-150	2	30		0.2	12.00
		150-180	2	30		0.2	12.00
		180-210	2	30		0.2	12.00
		210-240	2	30		0.2	12.00
		240-270	2	30		0.2	12.00
		270-300	2	30		0.2	12.00
		300-330	2	25		0.2	10.00
		330-360	2	30		0.2	12.00
		360-390	2	30		0.2	12.00
		390-416	2	26		0.2	10.40
	L/S	0-30	2	30		0.2	12.00
		30-60	2	30		0.2	12.00
		60-90	2	30		0.2	12.00
		90-120	2	30		0.2	12.00
		120-150	2	25		0.2	10.00
		150-180	2	22		0.2	8.80
		180-210	2	30		0.2	12.00
		210-240	2	30		0.2	12.00
		240-270	2	30		0.2	12.00
		270-300	2	30		0.2	12.00
		300-330	2	30		0.2	12.00
		330-360	2	30		0.2	12.00
		360-392	2	32		0.2	12.80
	Sindhi college circle to govt school L/S	0-30	2	30		0.2	12.00
		30-60	2	30		0.2	12.00
		60-90	2	30		0.2	12.00
		90-120	2	30		0.2	12.00
		120-150	2	30		0.2	12.00
		150-180	2	30		0.2	12.00
		180-210	2	30		0.2	12.00
		210-220	2	10		0.2	4.00
	R/S	0-30	2	30		0.2	12.00
		30-60	2	30		0.2	12.00
		60-90	2	30		0.2	12.00
		90-120	2	26		0.2	10.40
		120-150	2	25		0.2	10.00
		150-180	2	28		0.2	11.20
		180-210	2	25		0.2	10.00

469.60

AE(W2)

Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

		210-226	2	16		0.2	6.40
							476.00
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.69 cum and fine aggragtes @ 0.459cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications.						
	Slope correction for drain						
	Synidcate bank to sindhi college circle						
		180-210	1	30	0.6	0.2	3.60
		210-240	1	30	0.6	0.15	2.70
	L/S	180-210	1	30	0.6	0.2	3.60
		210-240	1	30	0.6	0.2	3.60
		240-270	1	30	0.6	0.2	3.60
	Sindhi college circle to govt school L/S	0-30	1	30	0.6	0.2	3.60
		30-60	1	30	0.6	0.2	3.60
		60-90	1	30	0.6	0.2	3.60
		90-120	1	30	0.6	0.2	3.60
		120-150	1	24	0.6	0.2	2.88
	coping on side walls						
	Synidcate bank to sindhi college circle	0-30	0	30	0.2	0.1	0.00
		30-60	2	30	0.2	0.1	1.20
		60-90	2	30	0.2	0.1	1.20
		90-120	2	30	0.2	0.1	1.20
		120-150	2	30	0.2	0.1	1.20
		150-180	2	30	0.2	0.1	1.20
		180-210	2	30	0.2	0.1	1.20
		210-240	2	30	0.2	0.1	1.20
		240-270	2	30	0.2	0.1	1.20
		270-300	2	30	0.2	0.1	1.20
		300-330	2	25	0.2	0.1	1.00
		330-360	2	30	0.2	0.1	1.20
		360-390	2	30	0.2	0.1	1.20
		390-416	2	26	0.2	0.1	1.04
	L/S	0-30	2	30	0.2	0.1	1.20
		30-60	2	30	0.2	0.1	1.20
		60-90	2	30	0.2	0.1	1.20
		90-120	2	30	0.2	0.1	1.20
		120-150	2	25	0.2	0.1	1.00
		150-180	2	22	0.2	0.1	0.88
		180-210	2	30	0.2	0.1	1.20
		210-240	2	30	0.2	0.1	1.20
		240-270	2	30	0.2	0.1	1.20
		270-300	2	30	0.2	0.1	1.20
		300-330	2	30	0.2	0.1	1.20
		330-360	2	30	0.2	0.1	1.20
		360-392	2	32	0.2	0.1	1.28

	Sindhi college circle to govt school L/S	0-30	2	30	0.2	0.1	1.20
		30-60	2	30	0.2	0.1	1.20
		60-90	2	30	0.2	0.1	1.20
		90-120	2	30	0.2	0.1	1.20
		120-150	2	30	0.2	0.1	1.20
		150-180	2	30	0.2	0.1	1.20
		180-210	2	30	0.2	0.1	1.20
		210-220	2	10	0.2	0.1	0.40
	R/S	0-30	2	30	0.2	0.1	1.20
		30-60	2	30	0.2	0.1	1.20
		60-90	2	30	0.2	0.1	1.20
		90-120	2	26	0.2	0.1	1.04
		120-150	2	25	0.2	0.1	1.00
		150-180	2	28	0.2	0.1	1.12
		180-210	2	25	0.2	0.1	1.00
		210-226	2	16	0.2	0.1	0.64
							81.98
8	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications						
	Sindhi college circle to govt school L/S	0-30	50	0.6	1.2		36.00
		30-60	50	0.6	1.2		36.00
		60-90	50	0.6	1.2		36.00
		90-120	50	0.6	1.2		36.00
		120-150	50	0.6	1.2		36.00
		150-180	50	0.6	1.2		36.00
		180-210	50	0.6	1.2		36.00
		210-220	18	0.6	1.2		12.96
	R/S	0-30	50	0.6	1.2		36.00
		30-60	50	0.6	1.2		36.00
		60-90	50	0.6	1.2		36.00
		90-120	45	0.6	1.2		32.40
		120-150	45	0.6	1.2		32.40
		150-180	48	0.6	1.2		34.56
		180-210	43	0.6	1.2		30.96
		210-226	28	0.6	1.2		20.16
	Missing Qty						
	Synidcate bank to sindhi college circle						
		30-60	50	0.6	1.2		36.00
		60-90	50	0.6	1.2		36.00
		120-150	50	0.6	1.2		36.00
		150-180	50	0.6	1.2		36.00
		180-210	50	0.6	1.2		36.00
		210-240	50	0.6	1.2		36.00
		240-270	50	0.6	1.2		36.00
	L/S						
		30-60	43	0.6	1.2		30.96
		60-90	30	0.6	1.2		21.60

		90-120	30	0.6	1.2		21.60
							849.60
9	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification						
	Kuvempu lauout main road						
			6	0.6	1.8		6.48
			7	0.6	1.8		7.56
			5	0.6	1.8		5.40
			11	0.6	1.8		11.88
			13	0.6	1.8		14.04
			10	0.6	1.8		10.80
			9	0.6	1.8		9.72
			10	0.6	1.8		10.80
	Repairs to culverts		15	0.6	1.8		16.20
			10	0.6	1.8		10.80
			25	0.6	1.8		27.00
			12	0.6	1.8		12.96
							143.64
10	Removing and resetting of kerbs stones						
	Syndicate Bank to sindhi college circle R/S	0-30	1	67			66.7
		30-60	1	67			66.7
		60-90	1	67			66.7
		240-270	1	67			66.7
		390-416	1	58			57.8
	L/S	0-30	1	67			66.7
		30-60	1	67			66.7
		60-90	1	60			60.0
		90-120	1	60			60.0
		330-360	1	63			63.0
							640.8
						Qty Ltd to	**640.0**
11	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete						
	Synidcate bank to sindhi college circle						
		90-120	1	25			25.0
		120-150	1	25			25.0
		150-180	1	30			30.0
		180-210	1	25			25.0
		210-240	1	30			30.0
		390-416	1	25			25.0
	L/S						0.0
		120-150	1	20			20.0
		150-180	1	20			20.0
		180-210	1	20			20.0

		210-240	1	25			25.0
		240-270	1	25			25.0
		270-300	1	30			30.0
		300-330	1	30			30.0
		360-392	1	25			25.0
							355.0
12	Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications						
	Syndicate Bank to sindhi college circle	0-30	1	30	0.45		13.5
		30-60	1	30	0.45		13.5
		60-90	1	30	0.45		13.5
		90-120	1	30	0.45		13.5
		120-150	1	30	0.45		13.5
		150-180	1	30	0.45		13.5
		180-210	1	30	0.45		13.5
		210-240	1	30	0.45		13.5
		240-270	1	30	0.45		13.5
		270-300	1	30	0.45		13.5
		300-330	1	30	0.45		13.5
		330-360	1	30	0.45		13.5
		360-390	1	30	0.45		13.5
		390-416	1	26	0.45		11.7
	L/S	0-30	1	30	0.45		13.5
		30-60	1	30	0.45		13.5
		60-90	1	30	0.45		13.5
		90-120	1	30	0.45		13.5
		120-150	1	30	0.45		13.5
		150-180	1	30	0.45		13.5
		180-210	1	30	0.45		13.5
		210-240	1	30	0.45		13.5
		240-270	1	30	0.45		13.5
		270-300	1	30	0.45		13.5
		300-330	1	30	0.45		13.5
		330-360	1	30	0.45		13.5
		360-392	1	32	0.45		14.4
						Qty Ltd to	363.6 360
13	Providing and applying spray painting in two coats (excluding priming coat) over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications.						
	Qty Vide item No. 12						360
14	Providing and fixing MS Grating 260x260 mm						
	Synidcate bank to sindhi college circle		80				80
	Sindhi college circle to govt school		40				40
							120

15	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification						900.00
	Qty Vide item No. 02						

	Assistant Engineer		Assistant Executive Engineer	Executive Engineer
	Ward No.07		Kodigehalli Sub division	Byatarayanapura Division